

TITLE OF THE INVENTION

DNA ENCODING CANINE CATHEPSIN S

ABSTRACT OF THE INVENTION

DNAs encoding canine Cathepsin S have been cloned and characterized. The recombinant protein is capable of forming biologically active protein. The cDNA's have been expressed in recombinant host cells that produce active recombinant protein. The recombinant protein is also purified from the recombinant host cells. In addition, the recombinant host cells are utilized to establish a method for identifying modulators of the receptor activity, and receptor modulators are identified.